# Table of Contents

**Preface** ................................................................................................................................................xii

**Chapter 1**  
Communication and Awareness Patterns of Distributed Agile Teams .................................................. 1  
*Irum Inayat, University of Malaya, Malaysia*  
*Siti Salwah Salim, University of Malaya, Malaysia*  
*Sabrina Marczak, Pontifícia Universidade Católica do Rio Grande do Sul (PUCRS), Brazil*

**Chapter 2**  
Designing and Implementing an Innovation Management System in Young Academic Institutions Using Agile Methodology ........................................................................................................................................17  
*Sachin Ahuja, Chitkara University Research and Innovation Network, India*  
*Archana Mantri, Chitkara University Research and Innovation Network, India*

**Chapter 3**  
A Cross-Platform Architecture with Intelligent Agents for Dynamic Processes and Services Composition ................................................................................................................................. 36  
*Chung-Yeung Pang, Seveco AG, Switzerland*

**Chapter 4**  
Lean Manufacturing to Lean IT: An Emerging Quality Assurance Methodology in IT  .................... 67  
*Deepinder Kaur, IBM India Pvt. Ltd., India*

**Chapter 5**  
The Role of Business Process Reengineering in the Modern Business World ..................................... 87  
*Kijpokin Kasemsap, Suan Sunandha Rajabhat University, Thailand*

**Chapter 6**  
A Learning Organisation Approach to Software Project Management: Promoting Knowledge Transformation and Interprofessionalism through Crowd-Funded Agile Development  ..................... 115  
*Jonathan Bishop, Centre for Research into Online Communities and E-Learning Systems, UK*
Chapter 7
Motivation behind Agile Software Development over Traditional Development .......................... 141
    Karun Madan, SD College, India

Chapter 8
Agile Enablers and Adoption Scenario in Industry Context..................................................... 157
    Vinay Kukreja, Chitkara University, India
    Amitoj Singh, Chitkara University, India

Chapter 9
The MFC Cybersecurity Model Extension and Diagnostic toward a Depth Measurement:
E-Learning Systems Case Study.................................................................................................. 179
    Neila Rjaibi, Institut Supérieur de Gestion de Tunis, Tunisia
    Latifa Ben Arfa Rabai, Institut Supérieur de Gestion de Tunis, Tunisia
    Ali Mili, New Jersey Institute of Technology, USA

Chapter 10
Applicability of Lehman Laws on Open Source Evolution ..................................................... 199
    Nisha Ratti, Rayat Institute of Engg, and Information Technology, India
    Parminder Kaur, Guru Nanak Dev University, India

Chapter 11
Decreasing Service Coupling to Increase Enterprise Agility .................................................. 225
    Jose Carlos Martins Delgado, University of Lisbon, Portugal

Chapter 12
Legacy Systems towards Aspect-Oriented Systems .................................................................. 262
    Noopur Goel, VBS Purvanchal University, India

Chapter 13
A Proactive Approach to Intrusion Detection in Cloud Software as a Service .......................... 287
    Baldev Singh, Lyallpur Khalsa College, India
    Surya Narayan Panda, Chitkara University Rajpura, India

Compilation of References ........................................................................................................... 306

About the Contributors .................................................................................................................. 343

Index ............................................................................................................................................... 347